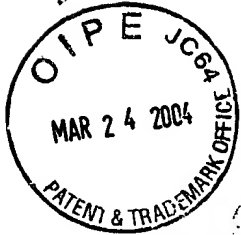


CUSTOMER NUMBER: 020991



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Gp 2683
#141 App P/A
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Patent R.S.
PD-200084

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: CHANG, Donald. C.D..

Date: March 8, 2004

Serial No.: 09652862

Group Art Unit: 2683

Filed: Aug 31 2000

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MAR 30 2004

For: RAPID USER ACQUISITION BY A GROUND-
BASED BEAMFORMER

Examiner: Ewart, James D.

APPOINTMENT OF ASSOCIATES

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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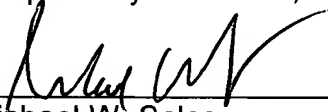
Technology Center 2600

Dear Sir:

I, the undersigned, duly appointed in the above-identified patent application for United States Letters Patent, hereby appoint as my associate attorneys, Georgann S. Grunebach, Registration No. 33,179, and John A. Crook, Registration No. 30,830, whose Post Office addresses and telephone numbers appear below, with power to prosecute said application and to transact all business in the United States Patent and Trademark Office connected therewith.

All communications are to be directed to Hughes Electronics Corporation, Corporate Patents & Licensing, Bldg. R11, Mail Station A109, P.O. Box 956, El Segundo, California 90245-0956.

Respectfully submitted,

By: 
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